

DATA TRACKING AND TECHNICAL FACT SHEET

Permittee: Town of Glastonbury

PERMIT, ADDRESS, AND FACILITY DATA

PERMIT #: CT0100226 **APPLICATION #:** 201505051 **FACILITY ID.** 054-001

Mailing Address: Street: 2155 Main St; P.O. Box 6523 Town: Glastonbury ST: CT Zip: 06033 Contact Name: Michael J Bisi Phone No.: 860-652-7772	Location Address: Street: 2149 Main Street Town: Glastonbury ST: CT Zip: 06033 Contact Name: Michael J Bisi Phone No.: 860-652-7772 DMR Contact email address: mike.bisi@glastonbury-ct.gov
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PERMIT INFORMATION

DURATION 5 YEAR X 10 YEAR ____ 30 YEAR ____

TYPE New ____ Reissuance X Modification ____

CATEGORIZATION POINT (X) NON-POINT () GIS #

NPDES (X) PRETREAT () GROUND WATER(UIC) () GROUND WATER (OTHER) ()

NPDES MAJOR(MA) X

NPDES SIGNIFICANT MINOR or PRETREAT SIU (SI) ____

NPDES or PRETREATMENT MINOR (MI) ____

COMPLIANCE SCHEDULE YES X NO ____

POLLUTION PREVENTION ____ TREATMENT REQUIREMENT X

WATER QUALITY REQUIREMENT ____ OTHER ____

OWNERSHIP CODE

Private ____ Federal ____ State ____ Municipal (town only) X Other public ____

DEP STAFF ENGINEER Carlos Esguerra

DATE DRAFTED: 10/27/2015

PERMIT FEES

Discharge Code	DSN Number	Annual Fee
111000(d)	001	2,367.50

Drainage Basin Code: 4000-00-03 Water Quality Classification Goal: SB Segment: CT River, Portland – Suffield.

NATURE OF BUSINESS GENERATING DISCHARGE

Municipal Sanitary Sewage Treatment

PROCESS AND TREATMENT DESCRIPTION (by DSN)

Secondary biological process with Nitrogen removal and seasonal ultra violet disinfection

RESOURCES USED TO DRAFT PERMIT

☒ *Federal Effluent Limitation Guideline 40CFR 133 Secondary Treatment Category*

☐ *Performance Standards*

☐ *Federal Development Document*
name of category

☒ *Department File Information*

☒ *Connecticut Water Quality Regulations*

☒ *Anti-degradation Policy*

☐ *Coastal Management Consistency Review Form*

☐ *Other - Explain*

BASIS FOR LIMITATIONS, STANDARDS OR CONDITIONS

☒ *Secondary Treatment (Section 22a-430-4(r) of the Regulations of Connecticut State Agencies)*

☐ *Case-by-Case Determination (See Other Comments)*

☒ *In order to meet in-stream water quality (See General Comments)*

☐ *Anti-degradation policy*

GENERAL COMMENTS

The Town of Glastonbury ("Glastonbury") operates a municipal water pollution control facility ("the facility") located at 2149 Main Street in Glastonbury. The facility is designed to treat and discharge up to 3.64 million gallons a day of effluent into CT River. The facility currently uses secondary treatment with denitrification and UV disinfection to treat effluent before being discharged. Pursuant to Conn. Gen. Stat. § 22a-430, the Department of Energy and Environmental Protection has issued Glastonbury a permit for the discharge from this facility. Glastonbury has submitted an application to renew its permit. The Department has made a tentative determination to approve Glastonbury's application and has prepared a draft permit consistent with that determination.

The most significant changes from the current permit are the inclusion of revised bacteria monitoring requirements (i.e. enterococci), Aluminum monitoring to be consistent with the most recent CT Water Quality Standards and Iron monitoring to be consistent with EPA's National Recommended Water Quality Criteria.

A review of ATMR reports since 2010 indicates that the facility has passed all toxicity tests conducted on a quarterly basis. The facility also disinfects with ultra violet light and has an assigned in-stream waste concentration of 1 percent. For the aforementioned reasons, the toxicity limits listed in the current permit are no longer required. The facility must continue to monitor toxicity on a quarterly basis as required in Section 6(B) and Table C of the new permit.

SPECIFIC REQUIREMENTS OR REVISIONS

The Department reviewed the application for consistency with Connecticut's Water Quality Standards and determined that with the limits in the draft permit, including those discussed below, and that the draft permit is consistent with maintenance and protection of water quality in accordance with the Tier I Anti-degradation Evaluation and Implementation Review provisions of such Standards.

The need for inclusion of water quality based discharge limitations in this permit was evaluated consistent with Connecticut Water Quality Standards and criteria, pursuant to 40 CFR 122.44(d). Discharge monitoring data was evaluated for consistency with the available aquatic life criteria (acute and chronic) and human health (fish consumption only) criteria, considering the zone of influence allocated to the facility where appropriate. In addition to this review, the statistical procedures outlined in the EPA Technical Support Document for Water Quality-based Toxics Control (EPA/505/2-90-001) were employed to calculate the need for such limits. Comparison of the

attached monitoring data and its inherent variability with the calculated water quality based limits indicates a low statistical probability of exceeding such limits. Therefore, no water quality based limits were included in the permit at this time.

WATER QUALITY LIMIT CALCULATIONS: *See attached*

DRAFT